



**US Army Corps
of Engineers** ®
San Francisco District

Project Map

NOYO RIVER AND HARBOR (BREAKWATER) CALIFORNIA

CONGRESSIONAL DISTRICT: 1st District, Rep. Mike Thompson

PROJECT DESCRIPTION: Noyo Harbor is an important fishing center and harbor of refuge located between Bodega Bay and Humboldt Harbor. A new breakwater would provide a safe entrance into Noyo Cove and Harbor, reduce damages to vessels and docks, and increase efficiency of the existing fishing fleet.

FISCAL YEAR 02 BUDGET: \$0

POSSIBLE SOLUTIONS: Scale model studies conducted with on-site participation from local fishermen and the Port District resulted in the design of a detached rubble-mound breakwater, which would be located in the outer, southern half of Noyo Cove. The breakwater would significantly reduce wave energy entering Noyo Harbor with minimum interference to navigation. The Corps Waterways Experiment Station completed model testing in July 1994 with a recommendation for construction of a 400-foot breakwater. The Noyo Port District notified the Corps, by letter dated December 1994, of their inability to meet the non-Federal cost sharing requirements for construction of this project. Through Energy and Water Development Appropriations for 1996, Congress directed the Corps to investigate the viability of integrating sponsor funded wave power plants into the breakwater project, in the interest of generating revenue for the sponsor to fund its share of breakwater construction.

PRESENT STATUS: As directed by Congress, the Corps completed a Special Report investigating the viability of wave power integration at Noyo Cove, California in January 1997. The Corps presented the report results and findings at a February 5, 1997 meeting in Fort Bragg. The report findings were that, although wave power alternatives appear technically feasible, estimates of the revenue generated by potential sale of electrical power would not completely offset local sponsor costs for the power features and the non-Federal share of the breakwater. By letter dated February 26, 1997, the Harbor Commission: 1) requested the Corps finalize the General Design Memorandum (GDM) on the project and discontinue the wave power studies; and 2) reiterated their support of the selected breakwater plan and their inability to share in the project cost. The Corps has completed a final Draft GDM and the project is in an inactive status.

FUTURE EFFORTS: None, at this time.